

COVID-19 Vaccine Resource Guide for Pfizer

COVID-19 Vaccine	Pfizer (mRNA) ¹ : Maroon Cap MONOVALENT	Pfizer (mRNA) ² : Orange Cap MONOVALENT	Pfizer (mRNA) ³ : Orange Cap BIVALENT	Pfizer (mRNA) ⁴ : Gray Cap- DO NOT DILUTE MONOVALENT	Pfizer (mRNA) ⁵ : Gray Cap- DO NOT DILUTE BIVALENT
Primary Series for Immunocompetent Individuals ⁶					
Age Indication	6 months through 4 yrs	5 through 11 yrs	Not Applicable- Bivalent is not authorized for Primary Series	12 years and older	Not Applicable-Bivalent is not authorized for Primary Series
Number of Primary Doses	3 doses	2 doses		2 doses	
Interval Between Doses	Dose 1 to 2: 3-8 weeks ⁶ Dose 2 to 3: 8 weeks	3-8 weeks ⁶		3-8 weeks ⁶	
Dose Volume	0.2mL	0.2mL		0.3mL	
Primary Series for Moderately or Severely Immunocompromised ⁷					
Age indication	6 months through 4 yrs	5 through 11 yrs	Not Applicable- Bivalent is not authorized for Primary Series	12 years and older	Not Applicable-Bivalent is not authorized for Primary Series
Number of Primary Doses	3 doses	3 doses		3 doses	
Interval between 1 st & 2 nd Dose	3 weeks	3 weeks		3 weeks	
Interval between 2 nd & 3 rd Dose	At least 8 weeks	At least 4 weeks		At least 4 weeks	
Vaccine Dose Volume	0.2mL	0.2mL		0.3mL	
Booster Dose (primary series must be completed prior to receiving any booster dose) ⁸					
Eligibility (booster)	Not Eligible	MONOVALENT BOOSTER: No longer authorized as a booster dose for individuals 5 through 11 years, even if the person had not previously received a monovalent booster dose(s) (1 st or 2 nd booster)	BIVALENT BOOSTER: 5 through 11 yrs. (At minimum must have completed a monovalent primary series prior to the bivalent booster dose)	MONOVALENT BOOSTER: No longer authorized as a booster dose for individuals 12 years and older, even if the person had not previously received a monovalent booster dose(s) (1 st or 2 nd booster)	BIVALENT BOOSTER: 12 years and older (At minimum must have completed a monovalent primary series prior to the bivalent booster dose)
Interval between Primary series (or monovalent booster) and bivalent booster for Immunocompetent and Immunocompromised	Not Eligible	Not Applicable	At least 2 months	Not Applicable	At least 2 months
Dose Volume (bivalent booster)	Not Eligible	Not Applicable	0.2ml	Not Applicable	0.3mL

COVID-19 Vaccine		Pfizer (mRNA) ¹ : Maroon Cap MONOVALENT	Pfizer (mRNA) ² : Orange Cap MONOVALENT	Pfizer (mRNA) ³ : Orange Cap BIVALENT	Pfizer (mRNA) ⁴ : Gray Cap- DO NOT DILUTE MONOVALENT	Pfizer (mRNA) ⁵ : Gray Cap- DO NOT DILUTE BIVALENT
Storage Requirements: Proper Storage Unit, Expiration, and Beyond Use Date (BUD) ^{9,10,11}						
Ultra-Cold Freezer [†]		Reference EUA ¹	Reference EUA ²	Reference EUA ³	Reference EUA ⁴	Reference EUA ⁵
Standard Freezer [†]		DO NOT STORE IN STANDARD FREEZER	DO NOT STORE IN STANDARD FREEZER	DO NOT STORE IN STANDARD FREEZER	DO NOT STORE IN STANDARD FREEZER	DO NOT STORE IN STANDARD FREEZER
Refrigerator (Fridge) [†]		10 weeks (BUD)	10 weeks (BUD)	10 weeks (BUD)	10 weeks (BUD)	10 weeks (BUD)
Thaw Time [‡]	Fridge	Up to 2 Hrs	Up to 4 Hrs	Up to 4 Hrs	Up to 6 Hrs	Up to 6 Hrs
	Room Temp	30 minutes	30 minutes	30 minutes	30 minutes	30 minutes
Allowed Time at Room Temp Unpunctured		12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs
Allowed Time at Room Temp Punctured (Time at Room Temp in syringe)		12 Hrs (BUD)	12 Hrs (BUD)	12 Hrs (BUD)	12 Hrs (BUD)	12 Hrs (BUD)
Preparation/Dosage: (discard diluent vial after one use, even if diluent remains)						
Diluent/Dose Volume		DILUTE with 2.2mL diluent/0.2mL dose	DILUTE with 1.3mL diluent/0.2mL dose	DILUTE with 1.3mL diluent/0.2mL dose	DO NOT DILUTE/ 0.3mL dose	DO NOT DILUTE/0.3mL dose

[†]Ultra-Cold Freezer: -90°C to -60°C (-130°F to -76°F); Standard Freezer: Pfizer: -25°C to -15°C (-13°F to 5°F); Refrigerator: 2°C to 8°C (36°F to 46°F)

[‡]Thaw time should be subtracted from the total **unpunctured** room temperature time. **DO NOT REFREEZE VACCINE.**

¹[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Vaccine for 6 months through 4 Years of Age-maroon cap must dilute](#)

²[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Vaccine for 5 - 11 Years of Age-orange cap must dilute](#) – **FOR PRIMARY SERIES ONLY**

³[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Bivalent Vaccine for 5-11 Years of Age-orange cap must dilute](#) – **FOR BOOSTER DOSE ONLY**

⁴[Fact Sheet for Healthcare Providers – Pfizer-BioNTech COVID-19 Vaccine for 12 and older - gray cap do not dilute](#) – **FOR PRIMARY SERIES ONLY**

⁵[Fact Sheet for Healthcare Providers - Pfizer-BioNTech COVID-19 Bivalent Vaccine for 12 years and older – gray cap do no dilute](#) – **FOR BOOSTER DOSE ONLY**

⁶[Interim Clinical Considerations Primary Series Vaccination Schedule](#) – An 8-week interval may be optimal for **some** people ages 6 months – 64 years, especially for males ages 12 - 39 years. Follow hyperlink for further guidance on who is recommended to follow the shorter intervals.

⁷[COVID-19 Vaccines for Moderately or Severely Immunocompromised People | CDC](#)

⁸[COVID-19 Vaccine Booster Shots | CDC](#)

⁹[Vaccine Storage and Handling Toolkit \(cdc.gov\)](#)

¹⁰[Pinkbook | Vaccine Storage and Handling | Epidemiology of VPDs | CDC](#)

¹¹[COVID-19 Vaccine Expiration Date Tracking Tool \(cdc.gov\)](#)